(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 15 April 2004 (15.04.2004)

PCT

(10) International Publication Number WO 2004/032071 A1

(51) International Patent Classification⁷: G07C 15/00

G07F 7/06,

(21) International Application Number:

PCT/NO2003/000234

(22) International Filing Date:

4 July 2003 (04.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20023263

5 July 2002 (05.07.2002) NO

- (71) Applicant (for all designated States except US): TOMRA SYSTEMS ASA [NO/NO]; Drengsrudhagen 2, N-1385 Asker (NO).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): JØRGENSEN, Anders [NO/NO]; Briskeveien 10, N-3021 Drammen (NO).
- (74) Agent: LANGFELDT, Jens, F., C.; ZACCO NORWAY AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

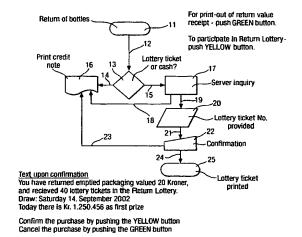
— of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD, SYSTEM, REVERSE VENDING MACHINE AND USE THEREOF FOR HANDLING EMPTY PACKAGING.



(57) Abstract: A method and system for handling, through the use of a reverse vending machine, the return value of empty packaging, e.g., empty packaging in the form of bottles, cans and containers for beverages and food, wherein the reverse vending machine before or after receiving the empty packaging has a means for allowing the customer to indicate either by pressing a first switch that a receipt should be issued related to the return value of the empty packaging for a subsequent refund in cash from the empty packaging recipient, or by pressing a second switch that the return value of the empty packaging is to be used for participation in a lottery. Information elements are transferred from the reverse vending machine to a central database server, and on the basis of these elements the database server issues a number of lottery tickets together with a unique lottery ticket serial number as some of the information elements sent back to the reverse vending machine, whereupon on confirmation of purchase, a lottery ticket is issued by a printer in the reverse vending machine.